

Express Mail No.

Docket No.: SH0003

JC960 U.S. PTO
09/729255
12/04/00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shakeel Mustafa

Filed: November 29, 2000

Title: System and method for transmitting customized Multi Priority Services on Single or Multiple links over data link layer frames

Hon. Assistant Commissioner for Patents
Box Patents, Washington, D.C. 20231

Dear Sir:

Enclosed herein please find:

1. A **Utility** application pursuant to 37 C.F.R. 1.63, with the following preferred arrangement set forth below:
 - (a). Declaration for Utility Patent Application Form, PTO/SB/01 [2 pages]
 - (b). New Utility Patent Application Transmittal Form, PTO/SB/05
 - (c). Fee Transmittal Form, PTO/SB/17
 - (d). Descriptive title of the Invention
 - (e). Background of the Invention
 - (f). Brief summary of the Invention
 - (g) Brief Description of the Drawings
 - (h). Detailed Description
 - (i). Claims
 - (j). Abstract of the Disclosure
2. I also declare small entity status – Independent Inventor, signed by the Inventor of the preset application;
3. I hereby also declare that the submitted invention is not sponsored by any means by the Fed sponsored R & D
4. A check for \$ 364 to cover the fee for filing the Utility Patent application including 21 Claims

Please address all communication to:

Shakeel Mustafa
15520 Tustin Village Way # 2
Tustin, CA 92780


22/29/2000

Shakeel Mustafa
Inventor

References Cited

U.S. Patent Documents

5878120	Feb., 1997	O'Mahony	379/93.09
5,896,371	Apr., 1999	Kobayashi, et. al.	370/232
5956341	Sep., 1999	Galand, et al.	370/412
6,105,068	Aug., 2000	Naudus	370/232
6,124,878	Sept., 2000	Adams, et. al.	348/10;

12/04/00



U.S. PTO

Please type a plus sign (+) inside this box



A

PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Attorney Docket No. First Inventor Title Express Mail Label No.
---	--

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>			
2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>			
3. <input type="checkbox"/> Specification [Total Pages 35] <i>1 sheet</i> <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 			
4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 34] <i>1</i>			
5. Oath or Declaration [Total Pages 69] <i>1</i> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for continuation/divisional with Box 18 completed)</small> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 			
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 			
ACCOMPANYING APPLICATION PARTS			
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee)</small> <input type="checkbox"/> Attorney			
11. <input type="checkbox"/> English Translation Document (if applicable)			
12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS <small>Citations</small>			
13. <input type="checkbox"/> Preliminary Amendment			
14. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>			
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>			
16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
17. <input type="checkbox"/> Other:			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <small>(Insert Customer No. or Attach bar code label here)</small>		or <input type="checkbox"/> Correspondence address below		
Name SHAKEEL MUSTAFA 15520 TUSTIN VILLAGE WAY #2				
Address				
City TUSTIN		State CA	Zip Code 92780	Telephone 714-541-3322
Country USA		Telephone 714-541-3322	Fax 714-541-3322	
Name (Print/Type) SHAKEEL MUSTAFA		Registration No. (Attorney/Agent) - None -		
Signature				Date 11/28/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC960 U.S. PTO
09/729255

12/04/00

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number

Filing Date

First Named Inventor

Examiner Name

Group Art Unit

Attorney Docket No.

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)			
101	710	201	355	Utility filing fee
106	320	206	160	Design filing fee
107	490	207	245	Plant filing fee
108	710	208	355	Reissue filing fee
114	150	214	75	Provisional filing fee

Fee Paid
355
/ / /

SUBTOTAL (1) (\$ 355)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20** = 1	x 9	= 9
3	- 3** = 0	x 40	= 0
		x	= 0

Large Entity	Small Entity			
Fee Code (\$)	Fee Code (\$)			
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 9)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid		
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	193	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

0

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	SHAKEEL MUSTAFA	Registration No. (Attorney/Agent)	- None -	Telephone
Signature	<i>Shakeel Mustafa</i>			714-541-3322
			Date	11/28/2000

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.